

AMENDMENT TO THE CLAIMS

1. (Previously Presented) A method, comprising:
receiving a data packet;
determining if the data packet is a next expected data packet;
determining if packet reordering occurred prior to receiving the data packet; and
delaying transmission of an acknowledgement indicating that a data packet is missing in response to determining that the data packet is not the next expected data packet and in response to determining that the packet reordering occurred.
2. (Previously Presented) The method of claim 1, wherein delaying comprises:
determining that the acknowledgement should be transmitted if the data packet is received out of order; and
waiting a preselected amount of time in response to determining that the acknowledgment should be transmitted.
3. (Previously Presented) The method of claim 2, further comprising:
determining if the missing data packet is received within the preselected amount of time;
and
transmitting the acknowledgment in response to determining that the missing data packet is not received within the preselected amount of time.
4. (Previously Presented) The method of claim 1, wherein the data packet has an associated sequence number, and wherein determining if the received data packet is the next expected data packet comprises:
determining a sequence number of the next expected data packet; and
determining if the sequence number of the received data packet is not equal to the sequence number of the next expected data packet.

5. (Cancelled).

6. (Previously Presented) The method of claim 1, wherein determining if the packet reordering occurred prior to receiving the data packet comprises:

detecting a missing data packet among one or more data packets that are received prior to receiving the data packet;

transmitting an acknowledgement indicating that the missing data packet has not been received;

receiving the missing data packet, wherein the missing data packet has an associated sequence number;

storing the received sequence number associated with the received data packet that was previously missing;

receiving one or more subsequent data packets having an associated sequence number; and

comparing the stored sequence number to the sequence number associated with the one or more subsequently received data packets to determine if packet reordering occurred.

7. (Original) The method of claim 1, wherein receiving the data packet comprises receiving the data packet over a network using at least the Transmission Control Protocol (TCP), and wherein delaying the transmission comprises delaying the transmission of a duplicate ACK.

8. - 20. (Cancelled).